



SV-3001 Rotary Evaporator Technical Parameters



Technical Parameters

Item	SV-3001
Dimensions (with glass) (mm)	620Wx400Dx700 (850) H
Minimum Installation Space (mm)	720Wx500Dx900H
Weight (with glass) (kg)	13.5
Power Supply	110V~, 60Hz or 220-240V~, 50/60Hz
Overall Power (W)	1390
Protection Level	IP 20
Pollution Level	2
Rotation Speed (rpm)	10~180
Bath Temperature Control Range (°C)	Room Temperature +5~95
Nominal Adjustment Accuracy (°C)	±1.5
Bath Liquid	Deionized Water
Vacuum Leakage (kPa/min)	≤ 0.33
Certification	CE
Rotation Control	Electrical Control
Heating Rated Power (kW)	1.3
Bath Temperature Sensor	PT-100, 2 wires
For Indoor Use Only	√
Optimum Ambient Temperature (°C)	5~35
Ambient Relative Humidity (%)	≤70
Water Bath Size	SUS304, Φ254mmx130mm
Glass	Glass 3.3 Borosilicate glass

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S.V. SCIENTIFIC Pvt. Ltd.

119, Sylvestra Arcade, 1st Floor, East Park Road, 11th Cross,

Malleswaram, BENGALURU - 560003. INDIA

Phone: 080-23567255 / 23462314 / 23446548

E Mail : info@svscientific.in / sales@svscientific.in

www.svscientific.com



SV- 400 (Recirculating Chiller)

Applications

- This compact chiller is particularly designed for lab scale Rotary Evaporator
- It is reasonably structured with small foot-print, which can be placed on bench or on floor

Advantages

- Circulating joint nozzle can be rotated 360° which makes it easy to connect with corollary equipment
- All parts contacting refrigerant is made of stainless steel 304 and macromolecule anti-corrosive material
- World famous brand compressor ensures high reliability and long life-span



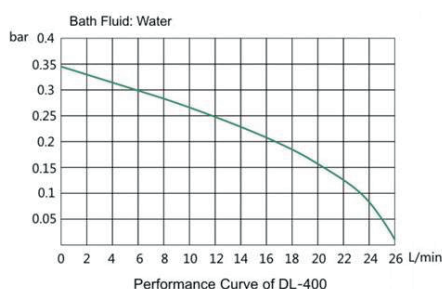
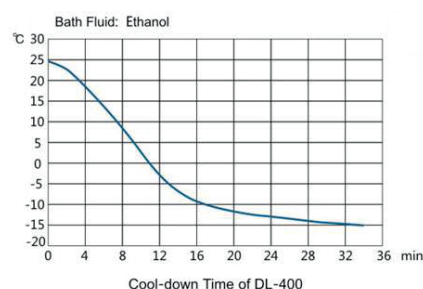
SV-400



SVR-3001



SVMP-2012



Technical Parameters

Model	Working Temperature Range*	Power Supply	Overall Power (W)	Cooling Capacity (W)	Refrigerant	Bath Fluid Filling Volume (L)	Material of Bath Fluid Tank	Circulating Pump Flow Rate	Pressure (bar)	Dimension (mm)	Net Weight (KG)
SV-400	-15~25°C	220-240V~,50Hz	500	400	R134a3	3	Stainless Steel 304	17L/Min	0.2	245W*430D*550H	26

*Working Temperature ≤ RT-5°C

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SV-201 (Diaphragm vacuum pump)

Applications

- SV series diaphragm vacuum pump provides negative pressure conditions for processes of evaporation, distillation, crystallization, drying, sublimation, reduced pressure filtration. It can be used to extract a variety of highly toxic, flammable and explosive, strong acid, and alkali samples

Advantages

- Use as a substitute for water circulating vacuum pump and rotary vane vacuum pump
- No need for any working medium. No friction between working parts
- Vacuum level can be adjusted according to experiment requirements
- All parts that contact gases are made of PTFE + FV rubber with chemical resistance
- Valve plate uses imported materials
- Motor is supplied by trusted manufacturer
- Designed to ensure smooth running transmission
- Small and lightweight for easy storage and moving



Filter



SV-201

Technical Parameters

Model	Motor Power (W)	Power Supply	Inlet Diameter (mm)	Ultimate Vacuum (Mpa)/ Extreme pressure (mbar)	Pumping Speed (L/min)	Dimensions (mm)	Net Weight (kg)
SV-201	180	220-240V-50Hz	φ10 × φ6	0.095/50	25	310W×225D×168H	10

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